### INTERNATIONAL SEARCH REPORT

Interr al Application No PCT/JP2004/018967

# A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60K41/28

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

 $\begin{array}{ll} \mbox{MinImum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{B60K} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

#### EPO-Internal

C. DOCUM	ENTS CONSIDERED TO BE RELEVAN'T	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	GB 2 318 106 A (* SIEMENS AKTIENGESELLSCHAFT) 15 April 1998 (1998-04-15) claims; figure 2	1-22
X	US 2002/016659 A1 (TASHIRO TSUTOMU ET AL) 7 February 2002 (2002-02-07) claims; figures 2,3	1-22
X	HARATA Y ET AL: "A simplified serial communication network within a vehicle" IEEE, 1 May 1989 (1989-05-01), pages 437-442, XP010086161 the whole document	1-22
Α	US 5 991 669 A (DOMINKE ET AL) 23 November 1999 (1999-11-23) figure 1	1-22
	-/	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents:      A document defining the general state of the art which is not considered to be of particular relevance      E earlier document but published on or after the international filing date      Cocument which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)      Cocument referring to an oral disclosure, use, exhibition or other means      Cocument published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search	Date of mailing of the international search report		
31 March 2005	12/04/2005		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Filjswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Tamme, H-M		

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C.(Continu	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.							
А	EP 0 507 072 A (ROBERT BOSCH GMBH) 7 October 1992 (1992-10-07) cited in the application the whole document	1-22							

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Information on patent ramily members

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PCT/JP2004/018967

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US	2002016659	A1	07-02-2002	JP DE	2002036919 A 10136258 A		
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